

Converting Colors

`RYB(204, 219, 187)`

Have a look what the booklet for
RYB(204, 219, 187) contains.

RYB(204, 219, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(204, 219, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DBD0BB
RGB	219, 208, 187
RGB Percent	86%, 82%, 73%
CMY	0.1412, 0.1847, 0.2667
CMYK	0.00, 0.05, 0.15, 0.14
HSL	39°, 31%, 80%
HSV	39°, 15%, 86%
XYZ	60.7141, 63.7099, 56.1110
YIQ	208.8950, 13.2970, -4.1990

Conversions

Conversions Part 2

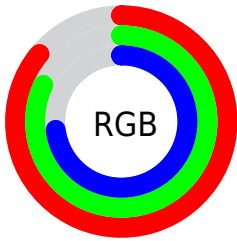
Format	Color
RYB	204, 219, 187
Decimal	14405819
CIELab	83.81, 0.38, 11.75
CIELCh	84, 11.754, 88.158
Yxy	63.7099, 0.3363, 0.3529
Android (android.graphics.Color)	4292595899 (0xFFDBD0BB)
YUV	208.8950, -10.7942, 8.8621
Hunter-Lab	79.8185, -3.9061, 14.1931

Details

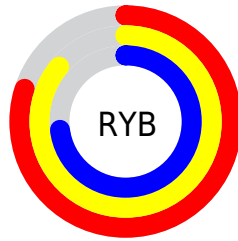
The RYB color **204, 219, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 195, 219**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **243, 255, 243**, and **149, 164, 134** is the 20% darker color. If you saturate the color by 10%, you get **194, 219, 165**, and if you desaturate by 10%, it is **216, 219, 209**.

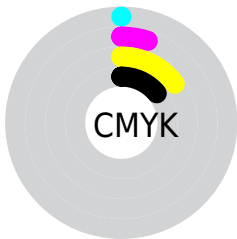
Distribution



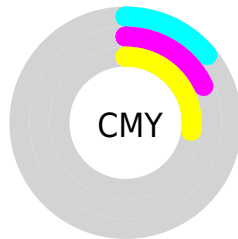
- Red (86%)
- Green (82%)
- Blue (73%)



- Red (80%)
- Yellow (86%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 219, 187 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 204, 219, 187 by changing the saturation by 10% instead.

 204, 219, 187


255, 255, 255

 243, 255, 243

 204, 219, 187

 177, 191, 160

 149, 164, 134


 122, 137, 109

 97, 112, 84

 73, 87, 61

 51, 64, 39

 27, 41, 19

 11, 20, 0

 0, 0, 0

 204, 219, 187

 204, 219, 187

 194, 219, 165


 216, 219, 209

 183, 219, 143


 219, 222, 231

 173, 219, 121


 219, 228, 253

 161, 219, 99

 219, 231, 255

 152, 219, 77

 219, 234, 255

 144, 219, 56

 219, 236, 255

 132, 219, 34

 219, 237, 255

 122, 219, 12

 116, 219, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 211, 191



204, 219, 187



189, 211, 193

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 219, 187



181, 199, 219



223, 203, 221

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



204, 219, 187



187, 195, 219

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210, 206, 228



204, 219, 187



186, 202, 227

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 219, 187



185, 203, 216



197, 206, 231



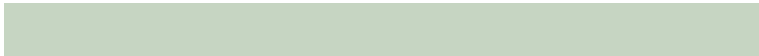
231, 202, 210

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204, 219, 187



194, 213, 209



197, 206, 231



219, 204, 224

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



204, 219, 187



252, 255, 245



219, 187, 198



126, 128, 121



0, 0, 0



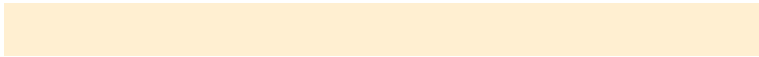
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 219, 187



234, 255, 209



187, 219, 192



105, 110, 99



92, 173, 0



25, 46, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



187, 195, 219



209, 221, 255



192, 187, 219



99, 101, 110



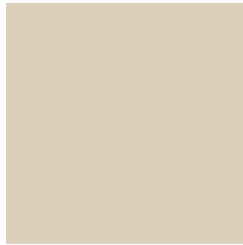
0, 45, 173



0, 12, 46

Previews

White Background



This preview shows how the RYB color 204, 219, 187 looks on a white background.

Color Contrast Check

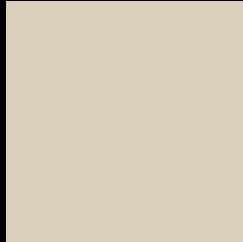
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 204, 219, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

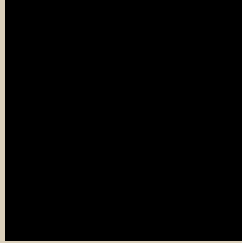
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

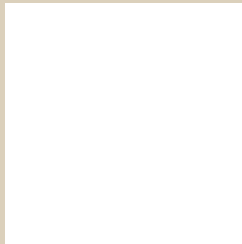
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 204, 219, 187 Background



This preview shows how black text looks on a background with the R Y B color 204, 219, 187.

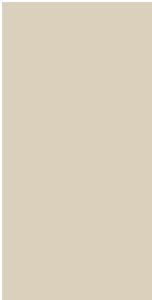


This preview shows how white text looks on a background with the R Y B color 204, 219, 187.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 204, 219, 187
	Protanopia 202, 218, 187
	Deuteranopia 237, 206, 188



Tritanopia
223, 203, 219

Trichromacy



Original Color

204, 219, 187

Protanomaly

202, 218, 187

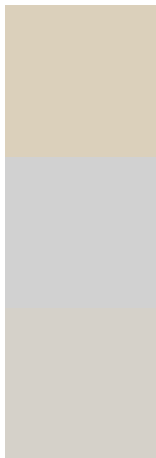
Deuteranomaly

230, 214, 188

Tritanomaly

222, 205, 207

Monochromacy



Original Color

204, 219, 187

Achromatopsia

209, 209, 209

Achromatomaly

207, 213, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 219, 187 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(219, 208, 187) looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 208, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 187) }
```

Border

The CSS property to change the border of an element to RYB 204, 219, 187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 208, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 208, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 208, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 208, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 208, 187); box-shadow:4px 4px 4px 4px rgb(219, 208, 187) }
```

Background

The CSS property to change the background color of an element to RGB 204, 219, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
208, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor